

Nebraska Generic Response Algorithm

A novel virus is detected in one or more humans, globally. There is little or no immunity in the general population. It is a precursor to a pandemic.

CDC Issues Novel Virus Alert

NEHHSS Public Health Assurance Staff responds to CDC alert

Surveillance: Notify partners to be prepared to implement influenza surveillance. Develop plans for obtaining additional lab personnel and supplies. Investigate epidemiology of virus.
Vaccine/Pharm: Remain ready for possible progression to Pandemic Alert Stage.
Emergency Response: Ensure plans and communications among all critical systems are in place. Monitor HAN. Monitor hospital ER visits.
Communications: Ensure lines of communications between all involved parties are functioning properly. Monitor information from CDC. Develop press release, fact sheet, and Q&A template. Utilize HAN to keep partners informed.

The novel virus demonstrates sustained person-to-person transmission and causes multiple cases in the same geographic area.

CDC Issues Pandemic Alert

NEHHSS Chief Medical Officer

Surveillance: Activate surveillance system; Increase specimen collection; enhance lab testing;
Vaccine/Pharm: Monitor vaccine and antiviral status; prepare for delivery and storage of vaccine ensure availability of resources for mass immunizations and record keeping; survey medical and pharmacy community to verify stock and discuss potential needs;
Emergency Response: Ensure plans and communications among all critical systems are in place. Activate the Influenza Management Group (IMG). Notify public health partners. Activate Public Health Situation Room.
Communications: Ensure lines of communications between all involved parties are functioning properly. Monitor information from CDC. Refine press releases and fact sheets to be consistent with developing epidemiology. Update web site to keep public informed. Plan for activation of 24/7 citizen hot line. Continue to utilize HAN to keep partners informed. Establish communications between Canada, Mexico, and other nations with citizens in Nebraska.

The novel virus is causing unusually high rates of morbidity and/ or mortality in multiple, widespread geographic areas.

CDC declares Pandemic Imminent

NEHHSS Chief Medical Officer

Surveillance: Verify surveillance sites. Move select sites to daily reporting. Link with ILI of neighboring states. Monitor laboratory supplies and attempt to increase inventories. Epidemiology to determine trends.
Vaccine/Pharm: Continue as above. Work with local health departments, National Guard, and Nebraska State Patrol to plan for vaccine delivery.
Emergency Response: Utilize frequent meetings with the Influenza Management Group (IMG). Monitor field epidemiology analysis of virus spread.
Communications: Ensure lines of communications between all involved parties are functioning properly. Monitor information from CDC. Refine press releases and fact sheets to be consistent with developing epidemiology. Update web site to keep public informed. Activate 24/7 citizen hot line. Use HAN to keep partners informed. Maintain communications with CDC, WHO, and surrounding nations.

NEHHSS Surveillance and Epidemiology reveals virus cases in Nebraska with high rates of mortality. These cases are currently localized to Omaha and Lincoln.

Governor Authorizes Emergency Response

State Emergency Operations Plan

Further spread of virus with involvement of multiple continents; formal declaration is made.

CDC declares Pandemic has arrived

Governor Declares Public Health Emergency

Surveillance and Vaccine/Pharmacy: Surveillance systems likely overwhelmed; monitor data received, maintain direct communication with field staff; work with IMG to allocate antiviral medications and vaccine if available to previously agreed upon priority groups, or according to developing epidemiology.
Emergency Response: Activate State Emergency Operations Plan; Maintain communications with all hospitals to facilitate movement of ill and allocation of resources.
Communications: Maximize public communication plan to alleviate fear, direct public to response and assist if prevention of spread.

Pandemic Alert Period Phase 3

A novel virus is detected in one or more humans, globally. There is little or no immunity in the general population. It is a precursor to a pandemic.

**CDC issues
Novel Virus Alert**

NEHHSS Public
Health Assurance
Staff responds to
CDC alert

State Government Responsibilities

Surveillance:

- Notify partners to be prepared to implement influenza surveillance.
- Maintain baseline surveillance activities, (ILI, school absenteeism, over the counter medications, laboratory data, sentinel physicians).
- Develop plans for obtaining additional lab personnel and supplies.
- Investigate the epidemiology of virus.

Vaccine and Pharmaceutical Response:

- Remain ready for possible progression to Pandemic Alert Stage.
- Survey pharmacies and wholesalers to determine statewide supply.
- Survey providers to determine populations and locate particular areas of need.

Emergency Response:

- Ensure plans and communications among all critical systems are in place.
- Monitor HAN and developments in neighboring states.
- Activate LHD resources

Communications:

- Ensure functioning lines of communications between all state public health partners
- Monitor information from CDC, WHO, and other federal public health partners.
- Modify press release, fact sheet, talking points and Q&A template.
- Inform public health partners through HAN, Web portal, and telehealth network.

Local Responsibilities

Surveillance:

- Maintain Local lab, physician, hospital and nursing home surveillance.
- Increase surveillance for mobile populations if appropriate, travelers to and from endemic areas.
- Increase ILI surveillance

Emergency Response:

- Ensure local plans are updated
- Ensure local hospitals and nursing homes are aware of alert phase
- Activate LHD response plans

Communications:

- Maintain communications
- Expand redundant communications, Tac Pacs and Radios
- Retrieve latest press releases, fact sheets, talking points and Q&A templates from the Guardian site.
- Inform local volunteer partners of status
- Notify schools and churches

Pandemic Alert Period Phase 4

The novel virus demonstrates sustained person-to-person transmission and causes multiple cases in the same geographic area.

**CDC issues
Pandemic Alert**



NEHHSS Chief
Medical Officer
Orders increased
level of response

Surveillance:

- Ramp up surveillance.
- Communicate with practitioners to increase surveillance, monitor travel histories, and collect specimens for testing.
- Continue all other surveillance activities.
- Make plans to increase laboratory capacity.

Vaccine and Pharmaceutical Response:

- Monitor vaccine and antiviral supply and availability
- Prepare for delivery, storage and security of vaccine
- Ensure availability of resources for mass immunizations and record keeping
- Update survey medical and pharmacy community to verify stock and discuss potential needs

Emergency Response:

- Ensure plans and communications among all critical systems are in place.
- Activate the Influenza Management Group (IMG).
- Issue HAN to inform state public health partners.
- Activate Public Health Situation Room.

Communications:

- Ensure lines of communications between all involved parties are functioning properly.
- Monitor information from CDC.
- Refine press releases and fact sheets to be consistent with developing epidemiology.
- Update web site to keep public informed.
- Update secure website to keep public health partners informed and provide essential forms and resource materials.
- Plan for activation of 24/7 citizen hot line.
- Use Telehealth Network to educate providers
- Establish communications between Canada, Mexico, and other nations with citizens in Nebraska.
- Strengthen communications with border states.

Local Responsibilities

Surveillance:

- Maintain Local lab, physician, hospital and nursing home surveillance.
- Increase surveillance for mobile populations if appropriate, travelers to and from endemic areas.
- Increase ILI surveillance

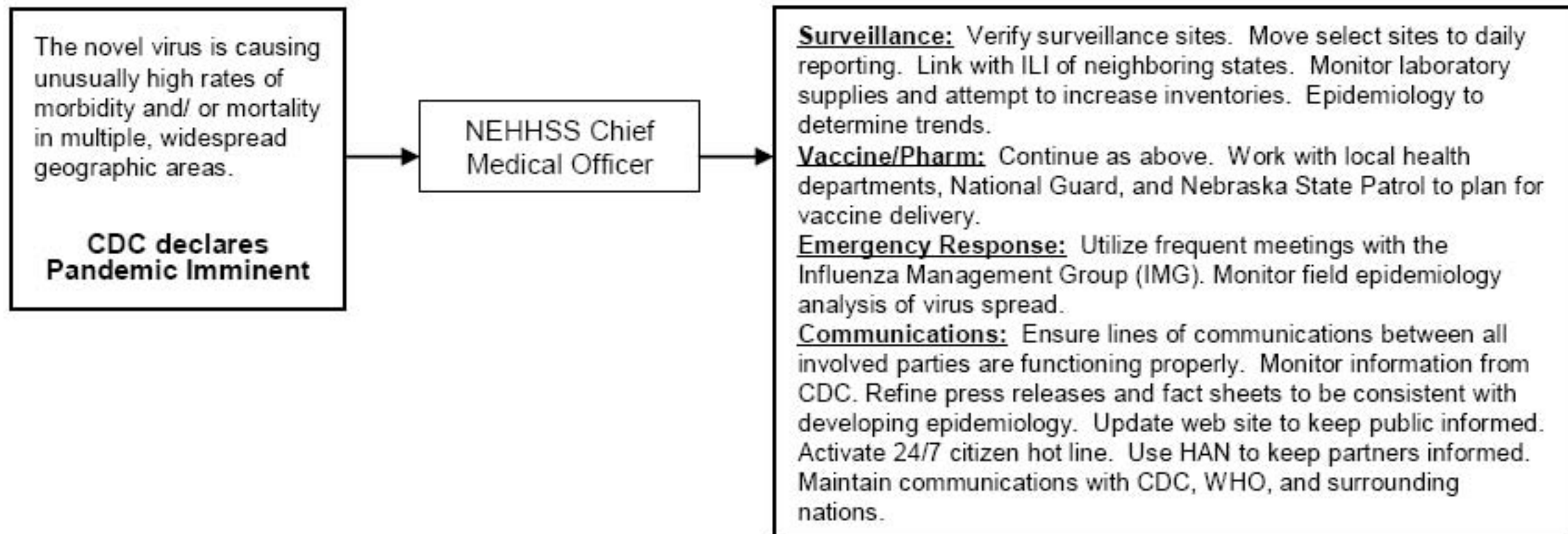
Emergency Response:

- Ensure local plans are updated
- Ensure local hospitals and nursing homes are aware of alert phase
- Activate LHD response plans

Communications:

- Maintain communications
- Expand redundant communications, Tac Pacs and Radios
- Retrieve latest press releases, fact sheets, talking points and Q&A templates from the Guardian site.
- Inform local volunteer partners of status
- Notify schools and churches

Pandemic Alert Period Phase 5 - 6



Local Responsibilities

Surveillance:

- Maintain Local lab, physician, hospital and nursing home surveillance.
- Increase ILI surveillance

Emergency Response:

- Ensure local plans are updated
- Ensure local hospitals and nursing homes are aware of alert phase
- Activate LHD response plans

Communications:

- Maintain communications
- Expand redundant communications, Tac Pacs and Radios
- Retrieve latest press releases, fact sheets, talking points and Q&A templates from the Guardian site.
- Inform local volunteer partners of status
- Notify schools and churches

Trigger State Declaration Of Health Emergency

Surveillance: Verify surveillance sites. Move select sites to daily reporting. Link with ILI of neighboring states. Monitor laboratory supplies and attempt to increase inventories. Epidemiology to determine trends.

Vaccine/Pharm: Continue as above. Work with local health departments, National Guard, and Nebraska State Patrol to plan for vaccine delivery.

Emergency Response: Utilize frequent meetings with the Influenza Management Group (IMG). Monitor field epidemiology analysis of virus spread.

Communications: Ensure lines of communications between all involved parties are functioning properly. Monitor information from CDC. Refine press releases and fact sheets to be consistent with developing epidemiology. Update web site to keep public informed. Activate 24/7 citizen hot line. Use HAN to keep partners informed. Maintain communications with CDC, WHO, and surrounding nations.

NEHHSS Surveillance and Epidemiology reveals virus cases in Nebraska with high rates of mortality. These cases are currently localized to Omaha and Lincoln but expected to spread to rural areas.

Governor Authorizes Emergency Response

State Emergency Operations Plan Active

Additional State and Local Response

State Health and Human Services:

- Request Anti-viral supplies from CDC
- Intensive screening and Isolate incoming airline passengers
- Assist Local health departments in dealing with outbreaks
- Recommend school and business closures
- Maximize public mass communication messages

Local and District Health Departments:

- Investigate and isolate contacts
- Maintain communications line to public
- Establish vaccination clinics
- Establish local volunteer centers

City and County Governments:

- Institute protection of critical infrastructures
- Instruct citizens to voluntarily avoid large gatherings
- Activate 24/7 citizen consumer hot line
- Encourage working from home
- Activate school closures

Hospital and Nursing Home Response:

- Institute hospital visitor limitations
- Provide anti-virals for direct care givers
- Cancel elective procedures
- Expand use of volunteer staff